CHEMICAL REAGENTS FOR FORMATION OF DISULFIDE BONDS IN PEPTIDES

ABSTRACT OF THE DISCLOSURE

[0082] This invention pertains to the discovery of a class of reagents that effectively form intramolecular disulfide bonds in peptides. Intermolecular disulfide linkage formation is low or essentially non-existent. In addition, preferred reagents of this invention are relatively mild and do not oxidize "vulnerable" residues in the subject peptide(s). In addition the reagents and reaction products are safe and essentially non-toxic. One particularly preferred reagent is $[Pt(en)_2Cl_2]2+$ where en is ethylenediamine.